

REMARKS

Applicant graciously appreciates the Office's attention to the instant application. In view of the following remarks, Applicant respectfully requests reconsideration and allowance of the pending claims of the instant application. This response is believed to be fully responsive to all issues raised in the November 4, 2004 Office Action.

Claims 1, 10, 11, 17, 18, 21, 22, 30, 31, 35, 39, 50, 51, 59, 60, 67, 69, 70 and 73 are currently amended, claims 34, 40-49, 63, 71, 74-78 are cancelled, claims 79 and 80 are new. Accordingly, claims 1-33, 35-39, 50-62, 64-70, 72-73, 79 and 80 are pending.

Rejection of Claims under 35 U.S.C. §102(b): Chiang et al.

In the Office Action mailed November 4, 2004, the Office rejected claims 1, 6-7, 41 and 76 as being anticipated by Chiang et al. (USPN 5,828,788), referred to herein as the Chiang reference.

Applicant currently amends claim 1 to recite features that are not disclosed by the Chiang reference. The Chiang reference teaches use of first and second distortion factors in compressing hierarchical layers, such as those used in MPEG-2. The Chiang reference does not disclose converting analog film, processing to reduce blockiness (which is not a feature of MPEG-2 decompression), storing digital video data to a storage using an audio video interleaved file format or transmitting compressed video data via a network, as recited in currently amended claim 1. As such, Applicant submits that claim 1 is not anticipated by the Chiang reference. Claims 6 and 7 depend on claim 1 and are not anticipated by the Chiang reference for at least these same reasons. Claims 41 and 76 are cancelled.

Rejection of Claims under 35 U.S.C. §102(e): Frink et al.

In the Office Action mailed November 4, 2004, the Office rejected claims 1-5, 41 and 76 as being anticipated by Frink et al. (USPN 6,678,002), referred to herein as the Frink reference.

Applicant currently amends claim 1 to recite features that are not disclosed by the Frink reference. The Frink reference teaches aspects of “HDTV Editing and Effects Previsualization using SDTV Devices” (Title) using compression ratios typical of codecs used with non-linear editing. The Frick reference does not disclose compressing at a compression ratio of at least approximately 50:1 or storing digital video data to a storage using an audio video interleaved file format, as recited in currently amended claim 1. As such, Applicant submits that claim 1 is not anticipated by the Frink reference. Claims 2-5 depend on claim 1 and are not anticipated by the Frink reference for at least these same reasons. Claims 41 and 76 are cancelled.

Rejection of Claims under 35 U.S.C. §103(a): Chiang et al.

In the Office Action mailed November 4, 2004, the Office rejected claims 8-10, 14-16, 21-22 and 43-45 as being obvious over Chiang et al. (USPN 5,828,788), referred to herein as the Chiang reference, in view of knowledge of one of ordinary skill in the art.

Claims 8-10, 14-16 and 21-22 depend on claim 1, which is currently amended. Further, claims 10, 21 and 22 are currently amended. For at least the reasons presented above with respect to the 102(b) rejection of claim 1, Applicant submits that claims 8-10, 14-16 and 21-22 are patentable over the Chiang

1 reference and knowledge of one of ordinary skill in the art. Claims 43-45 are
2 cancelled.

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4 Rejection of Claims under 35 U.S.C. §103(a): Chiang et al. in view of Kato et al.

5 In the Office Action mailed November 4, 2004, the Office rejected claim 11
6 as being obvious over Chiang et al. (USPN 5,828,788), referred to herein as the
7 Chiang reference, in view of Kato et al. (USPN 6,016,362), referred to herein as
8 the Kato reference.

9 Claim 11 depends on claim 1, which is currently amended. For at least the
10 reasons presented above with respect to the 102(b) rejection of claim 1, Applicant
11 submits that claim 11 is patentable over the Chiang reference in view of the Kato
12 reference.

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14 Rejection of Claims under 35 U.S.C. §103(a): Chiang et al. in view of Watkins et
15 al.

16 In the Office Action mailed November 4, 2004, the Office rejected claims
17 12-13, 23, 25-29, 42, 46-71, 73-75 and 77-78 as being obvious over Chiang et al.
18 (USPN 5,828,788), referred to herein as the Chiang reference, in view of Watkins
19 et al. (USPN 6,507,672), referred to herein as the Watkins reference. Claims 42,
20 46-49, 63 and 71 are cancelled. Thus, claims 12-13, 23, 25-29, 50-62, 64-70 and
21 73 remain and are discussed below.

22
23 *Claims 12-13, 23 and 25-29*

24 Claims 12-13, 23 and 25-29 depend on claim 1, which is currently
25 amended. For at least the reasons presented above with respect to the 102(b)

1 rejection of claim 1, Applicant submits that claims 12-13, 23 and 25-29 are
2 patentable over the Chiang reference in view of the Watkins reference.

3
4 *Claims 50-62, 64-70 and 73*

5 Claim 50, as currently amended recites:

6 *receiving compressed digital video data via a network interface wherein the*
7 *compressed digital video data has an average compression ratio of at least*
8 *approximately 50:1 ~~upon decompression one pixel or line resolution of at least 720~~*
9 *~~and the other pixel or line resolution greater than 576;~~*

10 *decompressing the compressed digital video data using a software decoder*
11 *and processing to remove blockiness to produce decompressed digital video; and*

12 *displaying the decompressed digital video data with one pixel or line*
13 *resolution of at least 1280.*

14
15 The Chiang reference teaches use of first and second distortion factors in
16 compressing hierarchical layers, such as those used in MPEG-2. The Chiang
17 reference does not teach or suggest processing to reduce blockiness (which is not a
18 feature of MPEG-2 decompression). Further, MPEG-2 is associated with
19 hardware decoders such as in most DVD players.

20 The Watkins reference teaches how to display text with video and teaches
21 the use of "MPEG decoders" (Fig. 5, item 506) and "DVD decoders" (Fig. 3, item
22 328 and Fig. 7, item 328), which are commonly known as hardware decoders.
23 Even the specialized encoding taught by the Watkins reference is to be as
24 hardware based as possible (e.g., a "special purpose RISC CPU 410" that
25 "includes video encoding hardware which eases the computational loading of the

CPU by performing at least a portion of the video compression method”). As such the Watkins reference teaches away from use of software decoders as recited in claim 50 (noting that claims without such wording are not limited to use of software decoders). Applicant submits that claims 50-62 and 64-70 are patentable over the Chiang reference in view of the Watkins reference. Claim 73 is currently amended and recites similar subject matter directed to a computer-readable medium and is believed patentable for at least the foregoing reasons.

Rejection of Claims under 35 U.S.C. §103(a): Chiang et al. in view of Haldeman et al.

In the Office Action mailed November 4, 2004, the Office rejected claims 17 and 40 as being obvious over Chiang et al. (USPN 5,828,788), referred to herein as the Chiang reference, in view of Haldeman et al. (USPN 6,801,576), referred to herein as the Haldeman reference. Claim 40 is cancelled. For at least the reasons presented above with respect to the 102(b) rejection of claim 1, Applicant submits that claim 17 is patentable over the Chiang reference in view of the Haldeman reference.

Rejection of Claims under 35 U.S.C. §103(a): Chiang et al. in view of Cheng et al.

In the Office Action mailed November 4, 2004, the Office rejected claims 18-20 as being obvious over Chiang et al. (USPN 5,828,788), referred to herein as the Chiang reference, in view of Cheng et al. (USPN 6,768,817), referred to herein as the Cheng reference. For at least the reasons presented above with respect to the 102(b) rejection of claim 1, Applicant submits that claims 18-20 are patentable over the Chiang reference in view of the Cheng reference.

Rejection of Claims under 35 U.S.C. §103(a): Chiang et al. in view of Melen et al.

In the Office Action mailed November 4, 2004, the Office rejected claim 72 as being obvious over Chiang et al. (USPN 5,828,788), referred to herein as the Chiang reference in view of Melen et al. (USPN 6,631,205), referred to herein as the Melen reference. For at least the reasons presented above with respect to the 103(a) rejection of claim 50 (Chiang et al. in view of Watkins et al.), Applicant submits that claim 72 is patentable over the Chiang reference in view of the Melen reference.

New Claims 79-80

Applicant adds new claims 79 and 80, which are supported by the instant specification. Applicant respectfully requests examination of these two new claims and notes that the subject matter of claims 79 and 80 bears relation to subject matter presented in the original claims.

Conclusion

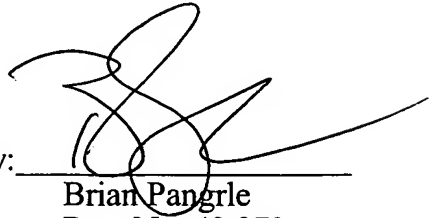
Pending claims 1-33, 35-39, 50-62, 64-70, 72-73, 79 and 80 are believed in condition for allowance. Applicant respectfully requests reconsideration and prompt issuance of the subject application. If any issues remain that prevent issuance of this application, the Office is urged to contact the undersigned attorney before issuing a subsequent Action.

Respectfully Submitted,

Dated:

2/4/05

By:



Brian Pangrle
Reg. No. 42,973
Lee & Hayes, PLLC
(509) 324-9256

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